Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. **First & Final** Date.....2014

Division: **Byatarayanapura** Sub-Division: **Kodigehalli sub division**

AEE/KSD/Sub/182/14-15 dt: 30.7.14

Bill Received No. 25 Dated 31.07.14 Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. 3 Head of Account: P-2178 **Work Code:** 007-14-00059

Est.Cost: 25.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: **Constructing of additional Ist floor (Ambedkar bhavan) in ward no. 07, Byatarayanapura, Kodigehalli sub division..**

Name of Contractor and Full Address: **Technical Manager KRIDL (West)**

Reference to Agreement No.EE/BTP/KRIDL/W.O/588/2013-14 Date: 03-03-2014

Certified that the measurements were taken by me on 30/7/14 and recorded of Pages 27 to 29 of measurement Book No. 1273 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 30/7/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬ...
ಬೆಂಗಳೂರು - 560 0...

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	1st & Final BM 2,40,591=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 4881=00
3)	" Balance	VAT 9762=00
4)	Deduct Payment:	CESS 14643=00
a.	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....	LWF 2400=00
	adjusted towards cash advance recovery of	LBP 2441=00
b.	Payments Now made: cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Roy 1813=00
		Fine 1000=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Total ded^n 338849=00
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	2,01,742=00

By Cheque

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

(For use in the Office)

Witness
1.
2.

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 2,40,591=00
ಗುತ್ತಿಗೆದಾರನು ಮಾಡಿದ ಇಆದರಲ್ಲಿ ರೂ. 338849=00
ಹೊರಾಗುವುದಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು
ರೂ. 2,01,742=00
ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿ

Executive Engineer

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate	Unit
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 **PWD SR 2013-14 Page Nol. 5/ Item No.2.4**	cum
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **Page No. 12 / Item No. 4.3 / PWD SR 2013-14**	cum
3	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.17)	cum
4	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **PWD SR 2013-14 (Page No. 25 / Item No. 5.6**	cum
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement** with **cement mortar 1:6**, edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 **(P.26/I.5.9) PWD SR 2013-14**	cum
6	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2011-12**	cum
7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. KBS 2.9 **(Page No .6 / Item No. 2.10) PWD SR 2013-14**	cum
8	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P27/5.27)	Sqm
9	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 27/ Item No. 5.27/ PWD SR 2011-12**	Sqm
10	KSRB 4.2.3 : Providing and laying in position **reinforced cement concrete of design mix M15 with OPC cement @ 240 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13 / Item No. 4.12 / PWD SR 2013-14**	cum
11	KSRB 4.2.8 : Providing and laying in position **reinforced cement concrete of design M20 with OPC cement @ 320 Kgs with 20 mm** and down size graded granite metal course aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisier @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.6 **Page No. 15 / Item No. 4.17 / PWD SR 2011-12**	cum
12	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete ofmix M20 with OPC cement @ 27.20kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5865 cum and fine aggregates @ 0.225 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 **Page No. 15 / Item No. 4.20 / PWD SR 2013-14**	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs.	Amount	Qty	Cost	
-	-	38.07	223.66	**8515.00**	38.07	8515.00	
-	-	9.95	4211.38	**41903.00**	9.95	41903.00	
-	-	65.56	5150.54	**337669.00**	65.56	337669.00	
-	-	19.62	3484.22	**68360.00**	19.62	68360.00	
-	-	10.83	4148.84	**44932.00**	10.83	44932.00	
-	-	3.44	4164.74	**14327.00**	3.44	14327.00	
-	-	25.43	99.64	**2534.00**	25.43	2534.00	
-	-	181.54	913.72	**165877.00**	181.54	165877.00	
-	-	148.51	808.78	**120112.00**	148.51	120112.00	
-	-	22.53	4777.42	**107635.00**	22.53	107635.00	
-	-	18.10	5535.32	**100189.00**	18.10	100189.00	
-	-	24.75	457.92	**11334.00**	24.75	11334.00	

13	KSRB 4.9.2: Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2 PWD SR 2013-14 TMT Bars Fe 550**	Qtl
14	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs**, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(P.16 / I.4.29) PWD SR 2013-14**	Sqm
15	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 123 / Item No. 15.21 / PWD SR -2013-14**	Sqm
16	KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 98/ Item No. 15.15 / PWD SR 2010-11**	Sqm
17	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 123 / Item No. 15.17 / PWD SR 2013-14 (Out side Wall)**	Sqm
18	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **(P. 124 / I. 15.33 PWD SR - 2013-14**	Sqm
19	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4. **Page No. 45 / Item No. 7.26 / PWD SR necess**	Sqm
20	KSRB 7.10 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clops at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be withcuring complete as per specifications.and directions of Engineer In Chargeg painting with 2 coats enamel paint over one coat of primer, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift loading and	Sqm
21	Supply and fixing of door shutters made of rigid PVC extruded hollow section (Nandi or equivalent) of 20mmx200mm with the wall thickness of 1.0mm +/0.1mm equally divided into 4no`s with tongue and groove locking arrangement The shutter frame is made of 58x24mm with the wall thickness of 1.5mm+/-0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter." **Page No. 51/ Item No. 9.86/ PWD SR 2013-14**	Sqm
22	KSRB 8.3-2 Providing and laying to required line and slope roofing with semi-corrugated (Trafford) asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, blots and nits 8mm dia C.I. plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications **Page No. 41/ Item No. 8.6/ PWD SR 2010-11**	Sqm
23	KSRB 14.14-5: providing Ceramic tiles of size 30 x 30Cms approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. **Page No. 93/ Item No. 14.36 / PWD SR 2013-14**	Sqm
24	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. **Page No. 93/ Item No. 14.43 / PWD SR 2013-14**	Sqm
25	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications. KBS 11 Specification No. KBS 11 **Page No. 79 / Item No. 12.5 PWD SR 2013-14**	Each

-	-	56.37	7312.94	**412230.00**	56.37	412230.00
-	-	359.97	284.08	**102260.00**	359.97	102260.00
-	-	130.50	163.24	**21303.00**	130.50	21303.00
-	-	322.50	209.88	**67686.00**	322.50	67686.00
-	-	230.37	165.36	**38094.00**	230.37	38094.00
		453.00	19.08	**8643.00**	453.00	8643.00
		7.04	3710.00	**26118.00**	7.04	26118.00
		24.90	3726.96	**92801.00**	24.90	92801.00
		9.90	1860.30	**18417.00**	9.90	18417.00
		72.00	397.50	**28620.00**	72.00	28620.00
		174.51	933.86	**162968.00**	174.51	162968.00
		62.04	933.86	**57937.00**	62.04	57937.00
		4.00	5148.42	**20594.00**	4.00	20594.00

26	KSRB 11-7.4 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 10 liters PVC automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fitting and brackets cutting and making good the wall and floor wherever required including cost of materials, labour complete as per specifications. Specification No. KBS 11. **Page No. 68/ Item No. 12.7 PWD SR 2010-11**	Unit
27	KSRB 15.15.2: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. **with Primer Page No.126/ Item No. 15.51.2 / PWD SR 2013-14**	Sqm
28	KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. **Page No.126/ Item No. 15.51.1 / PWD SR 2013-14**	Sqm
29	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. **Page No. 130/ Item No. 15.74/ PWD SR -2010-11**	Sqm
30	KSRB 8.6-7: Providing and fixing in wall surface 4 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications. **Page No. 52/ Item No. 8.18 / PWD SR 2013-14**	m
31	**Groove Cutting :** Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary KPWD SR 2010-11 (P-2,I-3)	Mtr
	32 mm dia 2.5mm thick	
32	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. KPWD SR 2010-11 (P-3, I-6)	Each
	10"X7"X3" (300X228X76mm)	
	8"X6"X3" (300X228X76mm)	
33	Supplying and fixing PVC/metal conduit accessories special type Junction Box (I. 5/P. 3) KPWD SR 2010-11	Each
	32 mm Junction Box	
	Deep 32 mm Junction Box	
	Fan Box 18 /SWG	
34	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet KPWD SR 2010-11 (P.3/I.8)	Each
	Point Wiring using Class A Materials	
	a) Short point upto 3Mtr from tapping point to out let via switch	
	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch	
	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch	
35	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box KPWD SR 2010-11 (P-7, I-17)	Each
	1 to 3 Modular	
	8 Modular	
36	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate KPWD SR 2010-11 (P.8/I.18)	Each
	6Amps one way.	
	6Amps 3way Socket.	
	Stepped Fan Regulator	
37	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube KPWD SR 2010-11 (P.16/I.2)	Each
	Group 'A'	
38	Supplying of Incandescent lamps KPWD SR 2010-11 (P.44/I.22)	Each
	B.C. 100Watts	
39	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2010-11 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard	Each
	56" Sweep (1400 mm)	
40	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box KPWD SR 2010-11 (P.9/I.19)	Each
	Group A	

-	-	56.37	7312.94	**412230.00**	56.37	412230.00
-	-	359.97	284.08	**102260.00**	359.97	102260.00
-	-	130.50	163.24	**21303.00**	130.50	21303.00
-	-	322.50	209.88	**67686.00**	322.50	67686.00
-	-	230.37	165.36	**38094.00**	230.37	38094.00
		453.00	19.08	**8643.00**	453.00	8643.00
		7.04	3710.00	**26118.00**	7.04	26118.00
		24.90	3726.96	**92801.00**	24.90	92801.00
		9.90	1860.30	**18417.00**	9.90	18417.00
		72.00	397.50	**28620.00**	72.00	28620.00
		174.51	933.86	**162968.00**	174.51	162968.00
		62.04	933.86	**57937.00**	62.04	57937.00
		4.00	5148.42	**20594.00**	4.00	20594.00

		2.00	6700.26	**13401.00**	2.00	13401.00	
		322.50	79.50	**25639.00**	322.50	25639.00	
		230.37	63.07	**14529.00**	230.37	14529.00	
		71.87	76.32	**5485.00**	71.87	5485.00	
		60.00	447.32	**26839.00**	60.00	26839.00	
				0.00	0.00	0.00	
		80.00	68.00	**5440.00**	80.00	5440.00	
				0.00	0.00	0.00	
		4.00	68.00	**272.00**	4.00	272.00	
		4.00	52.00	**208.00**	4.00	208.00	
				0.00	0.00	0.00	
		15.00	29.00	**435.00**	15.00	435.00	
		8.00	33.00	**264.00**	8.00	264.00	
		8.00	57.00	**456.00**	8.00	456.00	
				0.00	0.00	0.00	
				0.00	0.00	0.00	
		8.00	175.00	**1400.00**	8.00	1400.00	
		8.00	260.00	**2080.00**	8.00	2080.00	
		4	368.00	**1472.00**	4.00	1472.00	
				0.00	0.00	0.00	
		6	82.00	**492.00**	6.00	492.00	
		4.00	175.00	**700.00**	4.00	700.00	
				0.00	0.00	0.00	
		25	96.00	**2400.00**	25.00	2400.00	
		6.00	165.00	**990.00**	6.00	990.00	
		6	520.00	**3120.00**	6.00	3120.00	
				0.00	0.00	0.00	
		6	380.00	**2280.00**	6.00	2280.00	
				0.00	0.00	0.00	
		6	14.00	**84.00**	6.00	84.00	
				0.00	0.00	0.00	
		4.00	1950.00	**7800.00**	4.00	7800.00	
				0.00	0.00	0.00	
		1.00	630.00	**630.00**	1.00	630.00	

41	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps KPWD SR 2010-11 (P-13, I.2)	Each
42	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required 5-32 Amps SP KPWD SR 2010-11 (P.34/I.13)	Each
43	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc KPWD SR 2010-11 (P,32/I.2)	
	20"x20"x2.5"	Each
44	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete KPWD SR 2010-11 (P.30/I.3)	
	32 Amps	
45	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit.. The pit should be filled with equal proprotion of salt and charcol 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3 of Is 732 using 12mm dia nuts, washers and checknuts etc the pipe shall have 16 through holes of 122 mm dia KPWD SR 2010-11 (P.68/I.1)	No
46	INSULATED CABLE ON MESSENGER WIRE Using 2 single core wires for a single phas and 4 single core wies for 3 phase supplying and stringing PVC insulated and PVC sheathed 650/1100V class aluminium conductor of size supported by 3.15mm (10 SWG) GI messenger wire with two breaks insulators, one at each end of the span wit suspenders at intervals of 0.75m. Each suspender shall be of porcelain reel insulator of suitable core through which insulated wire passes (single core or twin core as the case may be) and this reel insulator shall be fixed to the messanger wire using 2mm (No. 14SWG) GI wire suitably bent and twisted. Separate reel insulated shall be provided for each wire the messanger wire shall be bed-ended on the clamp provided to the departmental pole wide item No. 4 above (Page No. 56 Item No. 5a) KPWD SR 2010-11 Item No. 65 / Page No. 5 c)	
	c) 6 Sqmm	Mtr
	Total	
	KRIDL CHARGES 11%	
	Third party inspection charges 1%	
	Grand Total	

Certificate

1 Certified that the above work done satisfactory and no materials issued from departmentally

		1.00	60.00	**60.00**	1.00	60.00	
		1	560.00	**560.00**	1.00	560.00	
				0.00	0.00	0.00	
		1	285.00	**285.00**	1.00	285.00	
				0.00	0.00	0.00	
		1.00	100.00	**100.00**	1.00	100.00	
		1.00	1950.00	**1950.00**	1.00	1950.00	
		10	45.00	**450.00**	10.00	450.00	
			2198731	**2200879**		**2200879**	
			24860	**242097**		**242097**	2198731=00
				22009		**22009**	24860=00
				2464984		**2464984**	

2,44,591=00

2,44,591=00

D. K. Madhu Reddy
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೂಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು – 560092